

## System and method for bone segment navigation

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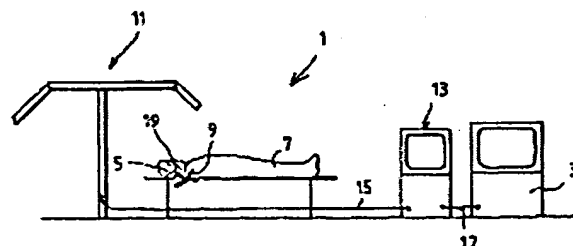
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### Abstract of DE19747427

The invention relates to a bone segment navigation system (1) comprising a planning unit (3) for the planning of bone segment displacement, a marker device (9) which is joined to the bone segment (5), a position detection unit (11) for said marker device (9) and a display and processing unit (13) connected to the position detection unit (11) and the planning unit (3) in order to indicate deviation in the actual position of the bone segment (5) in relation to a planned bone segment final position or a planned bone segment displacement path, whereby the marker device is connected in a clearly reproducible manner to the bone segment (5) by means of a template (19) allocated to the bone segment (5). Once the template (19) is applied and secured to the bone segment (5) it is possible to establish a correlation between the patient and the image or planning data set without any encroachment or detection in relation to the position of individual bone points.



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